CTL Nevada Ready 21 Professional Development Proposal

SUMMARY

Our proposal includes initial and ongoing synchronous and asynchronous professional development opportunities including in-person workshops, on-demand online courses, facilitated online courses and webinars.

In Person and facilitated online workshops will be led by instructors with Education Backgrounds holding certifications such as Google Certified Trainer, Google Certified Administrator, Google Certified Educator, Intel Master Teacher and/or having specific subject matter expertise with hardware, software or other specific resources included in the CTL solution.

Timeline	Scope & Format	Total Number of Events	Location(s)	Course(s)
	First Year Program – Prior to start of 2016-2017 School Year			

April 2016	**Vendor & State Ed Webinars on Demand** [Audience: Leadership, Coaches, Lead Teachers]	Depending on the vendor, these may be live, pre-recorded and vary. Known: WeVideo (72), McLab (1x mth)		Topics to include:
				● Information about the initiative
				  ○ Nevada Ready 21
				● Overview of tools available:
				  ○ Canvas
				  ○ WeVideo
				  ○ ArcGIS
				  ○ NCLab
				● Reminders about upcoming sessions

May 2016	**One Day In-Person Leadership Training** [Audience: Leadership] --- **Learning Crest One Day In-Person Leadership Training** [Audience: Leadership]	3 2	Reno, Elko, Las Vegas Reno, Las Vegas	Topic to be determined: 1. Deeper Learning with Technology or 2. Educational Leadership in the 21st Century (modified Intel course) --- Leadership course with 10 days of webinar mentoring per cohort
May 2016	**One Day In-Person Train-the-Trainer Course** [Audience: District Coaches]	1 day	Las Vegas	Learning with One to One ● Condensed version following one day leadership training or in conjunction with the Las Vegas leadership training with opportunities for both to collaborate.
May /June 2016	**One-Day Google Summit / Chromebook Camp** [Audience: Educators; Leadership; Tech/IT]	2 One-day events in 2 locations with multiple tracks	Reno, Las Vegas	Workshop topics vary by track: ● Leadership ● Coaches/Leads ● IT Optional add-on for Google Certified Educator Training or Google Certified Administrator Training Bootcamp otherwise suggest this is done in August. 18K for summit does not include bootcamp.
May/June 2016	**One-Day Google Certified Administrator Training[2]** [Audience: Tech/IT]			3-4 hour session / Up to 30 participants / 180/pp

			●	
June 2016	**NcLab PD**	40		100/pp up to 40 teachers
Year 2 Specific Professional Development				
Feb 2017	**One Day In-Person Preparing for the GAFE GCT certification with Google Certified Trainers** [Audience: Educators; Leadership]	3	Reno, Elko, Las Vegas	Google Certified Trainer Bootcamps

March-May 2017	**Regional GAFE Mini-Summits (edcamp style)**	3	Reno, Elko, Las Vegas	Tracks:
				● Admin
				  ○ Beginner (step-by-step)
				  ○ Beg/Int (hands-on exploration)
				  ○ Using Drive
				  ○ Using Forms
				  ○ Using Docs
				  ○ Using Sheets
				● Coach/Lead Teacher
				  ○ Beginner (step-by-step)
				  ○ Beg/Int (hands-on exploration)
				  ○ Using Drive
				  ○ Using Classroom
				  ○ Using Forms
				  ○ Using Docs
				  ○ Using Sheets
				  ○ Using Chrome apps/extensions
				  ○ Flipping the Classroom

				● Google Apps Admins (IT or other)
				  ○ Deployment
				  ○ Device Management
				  ○ Contact Groups vs Google Groups
				  ○ Deploying Content
				  ○ Chrome Console
				  ○ Beginner (overview)
				  ○ Ensuring policy/procedures for success
				  ○ Building a Student Genius Bar / Help Desk

March 2017	**One-Day Google Certified Educator Training[2]** [Audience: Educators] **or** **One-Day Google Certified Administrator Training[2]** [Audience: Tech/IT]			3-4/ hour session / Up to 30 participants / 180/pp
	Ongoing Professional Development			
	Webinars on Demand - Targeted [Audience: Leadership, Coaches, Lead Teachers]	18+	Online	Topics to include: ● Facilitation Tips (can use some of Intel's content) ● Canvas overview (to begin setting the stage for an online platform)

				● Online community or other portal with information about the program, benefits, and timeline ● Google Apps
	Facilitated online PD Courses: Modified Intel Teach Elements [Audience: Educators; Leadership; Tech/IT]	2	Facilitated Online but available on demand in Canvas.	Facilitated online course (stipend for mandatory or open courses). Choose 2 from the Intel Elements courses below. Approx 15 hours each to complete readings and activities. 1. Assessments in 21st century classrooms with Google tools (Modified Intel Course) 2. Project based approaches using Google and other tools (Modified Intel Course) 3. Collaboration in the 21st Century Classroom with Google Docs, Slides and Sites (Modified Intel Course) 4. Moving into Mobile Learning with Google Apps for Education and Chrome apps, extensions and Google Play Books. (Modified Intel Course)
	Intel Teach Professional Development Webinars	Vary 5-10 per month	Online Webinar	Varies Current topics found at: https://engage.intel.com/community/teachersengage/intel_teach/webinars_and_events

	[Audience: Educators; Leadership; Tech/IT]			
	On Demand E-Courses + a 5-year license for Nevada to use the course curriculum [Audience: Educators; Leadership]	8 On Demand Courses	Online On Demand	Intel Teach Elements e-courses as outlined in the 'One Day in-Person course from Intel Teach Elements' section above.
	Ongoing Communities and Resources			
April 2016	**Ongoing opportunities for leaders to connect and to receive guidance and support** [Audience: Educators; Leadership; Tech/IT]	N/A	Online Community	• **Nevada Ready 21 Private Google + Community:** CTL will provide assistance to setup and moderate a private community for NR21 Educators. • **Intel Engage Community**
	Ongoing learning and resources [Audience: Educators; Leadership]	N/A	Online	• K-12 Blueprint • National Tech Goes Home
	[1]Option for the course offered as a track within the 'Two Day In-Person GAFE training Workshop with Google Certified Trainers' events [2]Option for the course offered as a track within the 'Two-Day Google Summit / Chromebook Camp' event			

EXPANDED DESCRIPTIONS

FIRST YEAR PROGRAM – PRIOR TO START OF 2016-2017 SCHOOL YEAR

Intel Transforming Learning: Learning with One to One

CTL and Intel will offer this condensed 1-day face-to-face train the trainer course and a 5-year license to utilize the course curriculum. This course is aligned to the Nevada Ready 21 District model to train District Coaches to train and support groups of teachers and administrators and to develop master educators to train and support future cohorts of Nevada Ready 21 educators.

Course Topics & Detail: See Syllabus (https://ctl.box.com/NR21-PD-Syllabus)

Audience: District Coaches

Format: One Day In-Person Train-the-Trainer Workshop for up to 30 participants

Locations: Las Vegas

Educational Leadership in the 21st Century

Educational Leadership in the 21st Century is presented as an in-person facilitated workshop to support exploration and discussion of school leadership in our students' technological 21st century world. School leaders review best practices, examine leadership behaviors, and develop strategies to better support their teachers. They follow two administrators who work together to better use technology to support teachers and improve student achievement. Participants discuss ideas and strategies with other leaders in the course and apply them to their own practice. Extension activities provide opportunities to explore more in depth topics of interest.

Course Topics & Detail: See Syllabus (https://ctl.box.com/NR21-PD-Syllabus)

Audience: Leadership

Format: Each regional workshop is offered both as a one Day In-Person Workshop for up to 30 participants and as an on-demand e-course for self-paced learning or for those who cannot attend in person.

Locations: Regional Workshops offered in Reno, Elko, Las Vegas

YEAR 2 SPECIFIC PROFESSIONAL DEVELOPMENT

One-Day Google Mini-Summit Edcamp Conference

Designed to inspire educators to go deeper with technology integration CTL will work with Education Service District (ESD) 112 Nevada Ready 21 and the Nevada Department of Education to design a high-quality, one-day conference experience that will bring Google Apps for Education to life. A key element of successful Summits is to tailor the summits to the needs of the audience. By holding the mini-summits in Year 2 of the program Nevada will have more insight of specific areas that the Summit can address in order to maximize benefit for attendees, in addition to maximizing the capacity of the coaches and lead teachers by providing a venue for them to lead sessions and share learnings from the year.

Course Topics: To be developed in conjunction with Nevada Ready 21 and the Nevada DOE.

Audience: Educators, Leadership, Tech/IT

Format: One Day In-Person Mini-Summit/EdCamps for up to 150 participants

Locations: Las Vegas, Reno, Elko

Google Certified Educator Bootcamp

This one day in-person workshop, led by a Google Certified Trainer is designed to prepare educators who have intermediate to advanced knowledge of Google Apps for Education to take the Google Certified Educator Test.

Course Topics: Preparation for the Google Certified Educator Test

Audience: Educators

Format: One Day In-Person Workshop for up to 30 participants

Locations: Las Vegas

Google Certified Administrator Bootcamp

This one day in-person workshop, led by a Google Certified Trainer is designed to prepare educators who have intermediate to advanced knowledge of Chrome Console Management and GAFE Administration to take the Google Certified Administrator Test.

Course Topics: Preparation for the Google Certified Administrator Test

Audience: Tech/IT

Format: One Day In-Person Workshop for up to 30 participants

Locations: Las Vegas

ONGOING PROFESSIONAL DEVELOPMENT

Two facilitated On-Demand e-Courses using Intel Teach Elements Curriculum

CTL will use Intel Teach Elements curriculum to present 2 fully facilitated online workshops using Nevada Ready 21 Canvas learning management system. These two modified courses will also be available as on-demand e-courses in Canvas for those that prefer to learn in a more self-directed way. Other Intel Elements courses can be uploaded into the Canvas LMS and used to deliver professional development. These courses could further be modified by the school coaches to provide additional support in the effective use of technology with Google tools to support the course topics like Assessment, Collaboration, Project-based learning, etc. Nevada will receive a 5-year license to continue to utilize the course curriculum.

Course Topics: See Syllabus for each course (https://ctl.box.com/NR21-PD-Syllabus)

Audience: Educators, Leadership

Format: Each online courses workshop is offered for up to 30 participants and as an on-demand e-course for self-paced learning or for those who cannot attend in person.

Locations: Online

Courses include

Course	Description
Designing Blended Learning	Helps teachers explore and transition to blended learning experiences by providing rationale, strategies, and suggest technology tools.
Project-Based Approaches	Helps teachers improve their understanding and application of Project-Based Approaches to engage students.
Assessment in 21st Century Classrooms	Allows educators to take an in-depth look at assessment that meets the needs of today's learners.
Collaboration in the Digital Classroom	Supports teachers in ensuring students have collaboration skills for the global economy.

Thinking Critically with Data	Enabling educators to prepare students with skills to think critically in our information-rich world.
Inquiry in the Science Classroom	Explains and demonstrates the inquiry process in depth with interactive activities and locally relevant classroom examples.
Moving into Mobile Learning	Moving into Mobile Learning explains and demonstrate the implementation of mobile learning with interactive activities and locally relevant classroom examples.
Creativity in the Mobile and Personalized Classroom	Creativity in the Mobile builds on concepts introduced in Moving into Mobile Learning and provides concrete ways to implement mobile learning effectively, while encouraging students' creativity.

Professional Development Webinars

CTL will conduct monthly education online webinars on topics relevant to Nevada Ready 21. These webinars are designed to be interactive, fielding and addressing questions from attendees. Webinar topics are flexible to address the topics that are most important and relevant to Nevada Ready 21 and the Nevada Department of Education as well as to Nevada Educators, Leadership and

Techs. Webinars will be recorded and available for later viewing by participants and for those who were unable to attend the live session.

Course Topics Will Include areas such as:

- Using Google Classroom
- Teaching Effective Internet Searches
- Google Drive Organization
- GAFE training with Google Certified Trainers (multiple sessions)
- Tech/IT Training – Deployment, Inventory, Chrome Console etc... (multiple sessions)
- Deep Dives into CTL Solution Education Software
  - Securly
  - Education Lab Camera by Intellisense
  - PocketLab
  - Pixlr
  - WeVideo
  - Autodesk SketchBook Pro
  - NoteFlight
  - Intel Visual Ranking Tool
  - Intel Seeing Reason Tool
  - Intel Showing Evidence Tool
  - Learning in Context: Population Statistics
  - Learning in Context: Science Journal
  - Learning in Context: Reading Comprehension
  - Desmos Graphing Calculator
  - Computational Thinking – Programing Solution: TBD
  - Skype
  - Worldwide Telescope Online

Audience: Educators, Leadership, Tech/IT

Format: Online Webinar

Locations: Online

ONGOING COMMUNITIES AND RESOURCES

Nevada Ready 21 Private Google + Community

CTL and our Education Professional Development Partner, Education Service District 112 will provide assistance to setup and moderate a private community for NR21 Educators. This is an ongoing opportunity for leaders to connect and to receive guidance and support. ESD 112 has a wealth of experience setting up these communities for Washington 1:1 Schools and Districts and these communities have proven invaluable in enabling educators, leadership and IT to have success with Chromebook deployments and transitions to GAFE environments.

Intel Engage – Online Community

This vibrant global online network of educators is dedicated to improving education by supporting core concepts such as: personalized learning, effective use of technology, instructional design, project-based approaches, assessment of 21st century skills, and open-ended questioning. Resources include webinars, discussions, course materials, tools and lesson plans that support education transformation.

Benefits include:

- Learning about the latest tools and how to effectively use them in the classroom;
- Networking with educators from more than 80 countries;
- To stay informed about ed-tech policies and trends;
- Engaging in community activities;
- Receive tips, tricks, and strategies for effective trainings;
- Accessing training updates and providing feedback to the Intel Education team; and,
- Sharing stories of results with other inspiring educators.

K–12 Blueprint

Intel hosts the K–12 Blueprint website to support planning and implementing personalized learning initiatives. This free site engages key K-12 decision-makers and influencers while highlighting the benefits of education-technology solutions. Additionally, the K-12 Blueprint offers practical guidelines for successful technology deployments, including research, case studies, tips, resources, awards and events.

National Tech Goes Home

Intel has sponsored the creation of National Tech Goes Home. A curated collection of resources for parents, students, and teachers providing tools and training for more effective use of technology. The site includes virtual training groups to support local, face-to-face or online workshops to help students and their parents make the most of their technology.